Xerox Nuvera®
100/120/144/157 EA
and MX Production Systems

**Specifications**

**Print Controller**

- **RIP**
  - Xerox® FreeFlow® Print Server
  - Server Class Processors:
    - AMD® Opteron™ Technology
    - Sun® Solaris® 11 OS
  - 3.0 GHz Dual Core Processor with 8 GB memory
  - 19” color flat panel monitor (attached), USB keyboard, USB mouse
  - Data Stream options:
    - TIFF/PCL®5e and PCL6/ASCII-standard
    - Adobe® PDF, Adobe PostScript® Level 3;
    - Multi-page TIFF, PPML, LCD5/Metacode;
    - IPDS™—includes support for QR barcodes, True Type® fonts (UTF-8)
- **Connectivity:**
  - Ethernet interface (10/100BaseT; 1 GB)

**Storage**

- Memory: 8 GB (RAM)
- Hard Drive: 500 GB SATA
- DVD+RW Drive (CD write only)
- Optional: 1 TB SATA Drive

**Security**

- Solaris 11 OS
- Four administrator-selectable security modes and levels
- Fully customizable profiles for each level
- Encrypted job submission modes
- Secure print mode (restricts page reprints)
- IP address access filtering
- Strong password support
- Data overwrite option

**Print Submission Drivers**

- Microsoft® Windows® up to Windows 10
- Apple® Macintosh® through OS X®
- Sun Microsystems® Solaris 2.6, 7.x, 8.x, 9.0, 10
- Linux® 2.x
- Web User Interface

**Printer Module**

**Image Quality**

- 1200 x 1200 dpi RIP resolution
- 4800 x 600 dpi print resolution
- Halftone screens: 125 lpi standard; optional enhanced line screens: 85, 106, 134, 156 lpi
- Operator adjustable settings: light/dark, contrast sharpness, Toner Saver
- Semi Conductive Magnetic Brush Technology (SCMB) with Emulsion Aggregation (EA) Toner
- Silicon/Teflon™ fusing for sharper halftones
- Dual beam Raster Output Scanner (ROS)
- Print path image-to-sheet and front-to-back registration ± 0.65 mm

**Toner**

- EA Toner: 210,000 prints/9 lb bottle
  - (one bottle per system, second optional)
- MICR Toner: 90,000 prints/11.1 lb bottle
  - (two bottles per system)

**Print Speed**

- Simplex 8.5 x 11”/A4 speeds of 100, 120, 144 or 157 impressions per minute**
- Simplex 11 x 17”/A3 speeds of 60, 72 or 78 impressions per minute**

**Media Feeding and Insertion Options**

**Sheet-Feed and Insertion Modules**

- Two trays
- Total 3,200 sheets per module
- Vacuum Air Shuttle feed system
- Optional second module available
- Tray 1: 1,600 sheets; 7.2 x 8” to 12.6 x 19.3”
  - (182 x 203 mm to 320 x 491 mm)
- Tray 2: 1,600 sheets; 7.2 x 8” to 12.6 x 19.3”
  - (182 x 203 mm to 320 x 491 mm)

**EA Media Latitude**

- Uncoated: 44–300 gsm
- Coated: 90–300 gsm

**MICR Media Latitude**

- Uncoated: 52–300 gsm
- Coated: 90–140 gsm

*Capacity based on 20 lb Bond/75 gsm
**157 IPM and 78 IPM not available on MX configuration
### SHEET ENHANCEMENT MODULE
- Post-process module provides:
  - Outstanding stack quality
  - Sheet flatness for enhanced reliability of finishing options (booklet makers, perfect binders, stackers, etc.)
  - Automatically adjusts per individual media type
  - Standard with all Basic Finisher Modules and Finishing Transport Module configurations

### MULTIFUNCTION FINISHER PROFESSIONAL AND MULTIFUNCTION FINISHER PRO PLUS
*(Available on Xerox Nuvera® 100/120 EA)*

**Multifunction Finisher Professional**
- Top tray: 250-sheet capacity (20 lb Bond/75 gsm)
- Stacker: 2,000-sheet capacity (20 lb Bond/75 gsm)
- Staple sets of 2–100 pages
  - Choice of 50 or 100-sheet staple cartridge
  - C-fold (single sheet) 8.5 x 11”/A4
  - Z-fold (single sheet) 8.5 x 11”/A4
  - Bi-fold (up to five sheets) 8.5 x 11”/A4, 8.5 x 13”, 8.5 x 14”, 11 x 17”/A3
  - Saddle-stitch booklet making up to 15 sheets/60 imposed page images (20 lb Bond/75 gsm)
  - Media Latitude: Uncoated 16 lb Bond to 120 lb Index (56–220 gsm)

**Multifunction Finisher Pro Plus**
- Includes:
  - Insertion Tray: 200-sheet capacity (20 lb Bond/75 gsm)
  - Minimum paper size: 7 x 10”/B5
  - Maximum paper size: Ledger/A3
  - Hole Punch
    - 2/3 (standard) or 2/4 (optional) Customer Replacement Unit for North America
    - 2/4 (standard) Hole Punch Customer Replacement Unit for Europe
  - Minimum paper size: 7 x 10”/B5
  - Maximum paper size: 12 x 18”/SRA3
  - Media Latitude: Uncoated 16 lb Bond to 110 lb Index (56–200 gsm)

**XEROX® PRODUCTION STACKER**

**Maximum Stack Capacity**
- 2,850/2,600 with Stack Cart Kit
- Stack-nesting design enables the delivery of up to 2,850 sheets at a time—without interruption.
- Unload while run (with one/each unit) keeps production moving.
- Top Tray: 250 sheets (80 gsm)
- Xerox® DS3500 Stacker: 3,500 single sheets (80 gsm), 7,000 dual sheets (80 gsm) and 13.8” (350.5 mm)

**Media Sizes:**
- Top Tray: 5.5 x 8.3” to 12.6 x 19.3” (139.7 x 210 mm to 320 x 491 mm)
- Bypass with Rotation: 7 x 8” to 12.6 x 14.3” (177.8 x 203.2 mm to 320 x 364 mm)
- Bypass without Rotation: 5.5 x 8” to 12.6 x 19.3” (139.7 x 203.2 mm to 320 x 491 mm)
- Stacker: 7 x 8” to 12.6 x 19.3” (177.8 x 203.2 mm to 320 x 491 mm)
- Speciality Media: Carbonless, Tabs, NeverTear and Pre-printed Offset
- Compatibility: Xerox Nuvera® 100/120/144/157 EA and MX
- Maximum number of stackers per configuration: 3
- Optional Stack Cart

**XEROX® INTEGRATEDPLUS FINISHING SOLUTION FOR BOOKLETS**
- Eliminates the need for skilled prepress operators to prepare files according to finisher specifications.
- Eliminates manual programming at the finishing device and reduces the risk of error because the necessary parameters (e.g., page imposition, page ordering and trimming) are set automatically when a job enters your workflow.
- Extends the convenience and cost effectiveness of automated finishing to multiple printers (Xerox® and non-Xerox®) without the need for multiple, dedicated inline finishing devices.
- Maximizes productivity by enabling prints to be output to stack carts at full rated print speed, while available finishing device binds other jobs at its full rated speed.
- Easy to manage a mix of jobs that includes diverse finishing requirements and short print runs.

**ELECTRICAL REQUIREMENTS**
- 187–240 VAC (nominal), 50 Amp, 50/60 Hz service for North America
  - DS3500 and DFA Finishers require additional line service and power
- 187–240 VAC (nominal) 30 Amp + 20 Amp, 50/60 Hz line service for Europe
  - Feeders and Finisher modules (BFMs) will require additional power
  - DS3500 and DFA Finishers require additional line service and power
  - Consult the Installation Planning Guide for detailed power requirements

**ENVIRONMENTAL REQUIREMENTS**
- Temperature: 50° to 87° F (10° to 31°C)
- Relative humidity: 15% to 85%; wet bulb limitation 77°F
- Run mode heat emissions: Configuration dependent; consult Installation Planning Guide

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**PHYSICAL CHARACTERISTICS**

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<thead>
<tr>
<th>Sheet-Feed and Insertion Module</th>
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<tr>
<td><strong>Width</strong></td>
<td><strong>Depth</strong></td>
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<tr>
<td>31.7”</td>
<td>28”</td>
</tr>
<tr>
<td>805 mm</td>
<td>711.2 mm</td>
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<th>Feeder Module with Integrated Scanner</th>
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<td>1,092.2 mm</td>
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<td>381 mm</td>
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<th>Xerox® Production Stacker</th>
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<tr>
<td>35”</td>
<td>30.25”</td>
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<tr>
<td>889 mm</td>
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<td>28”</td>
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<td>1,433 mm</td>
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<td>1,433 mm</td>
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*Capacity based on 20 lb Bond/75 gsm

**With consumables loaded**

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For more information, visit [www.xerox.com](http://www.xerox.com)